

DESCRIPTION

The Fail-Safe Work PAL combines strength and energy-saving technology with the convenience of a handle, heavy duty magnet for easy mounting, cord and plug to create a durable and easily transportable work area light. Its angled facets with radius corners actually increase the ability of the lens to deflect blows and absorb impact. An extra thick, injection molded polycarbonate lens incorporates an optical design that obscures the lamp image and spreads light evenly, providing excellent light output from low positions, while minimizing glare. U.L. listed and C.S.A. certified for wet locations.

SPECIFICATION FEATURES

A ... Lens

One piece injection molded UV stabilized polycarbonate, min. 0.130" thick. All light control prisms and blondels are on the inside surface of the lens, reducing dirt build-up and making cleaning easier.

B ... Fasteners

Four stainless steel screws are recessed into lens to maximize tamper-resistance. Fasteners are captive in the lens and sealed by means of a neoprene O-ring.

C ... Reflector

16 ga. CRS with white high reflectance polyester powder coat finish.

D ... Handle

Cast aluminum handle features an ergonomic design for comfortable holding and a recessed notch for easy hanging.

E ... Housing

Die-cast aluminum with reinforcing ribs on exposed sidewalls. Thickened areas occur at lens junction and at mounting/fastening holes. Four 1/4" dia. fasteners are required to secure lens to housing.

F ... Socket

Porcelain medium base socket with nickel-plated brass screw shell. Shock absorbing socket bracket protects lamp from impact.

G ... Lamp

100 watt high pressure sodium or 100 watt metal halide. (By others)

H ... Gasket

One piece die-cut gasket seals entire lens and housing.

I ... Ballast

Copper-wound, core and coil, Normal Power Factor ballast.

J ... Cord and Plug

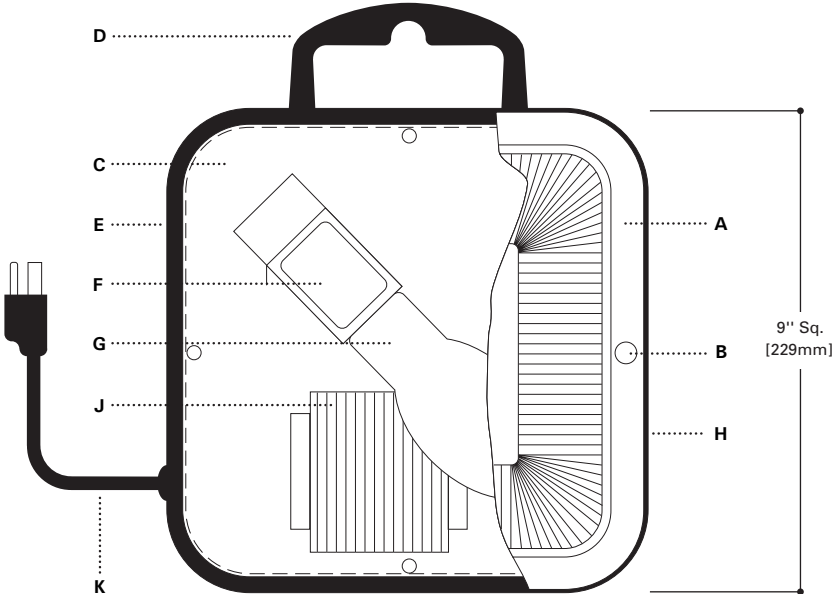
Six foot, jacketed three wire cord and plug is grounded for additional safety.



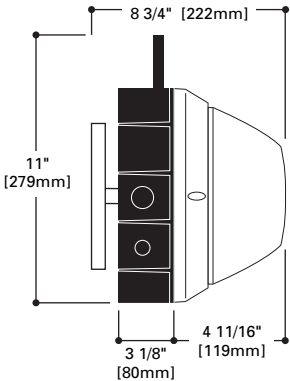
PAL
PORTABLE
AREA LIGHT

100W
High Pressure Sodium
Metal Halide

POLYCARBONATE
9" SQUARE LUMINAIRE
WITH HANDLE
Portable Work Light



SIDE DIMENSIONS

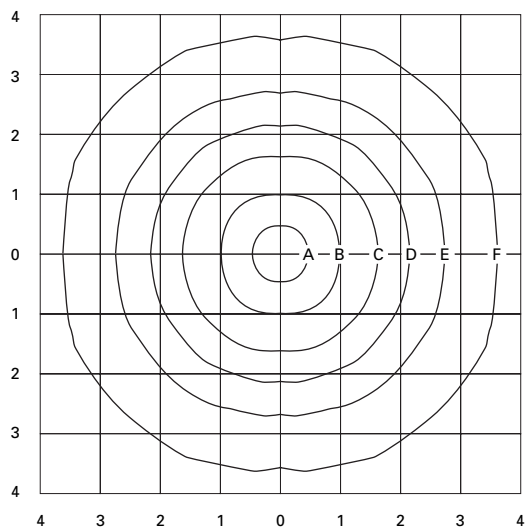


ENERGY DATA

100 Watts HPS
118 Watts (Input Watts)
100 Watts MH
129 Watts (Input Watts)

PHOTOMETRICS

Candlepower Distribution



Test No. 766670

HPEC-100N-120V-PAL

Lamp=100W HPS

Lumens=9500

Footcandle Table

Select mounting height and read across for footcandle values of each isofootcandle line.

Mounting Height EC-2	Footcandle Values for Isofootcandle Lines					
	A	B	C	D	E	F
6'	22.50	11.25	4.50	2.25	1.13	0.45
9'	10.00	5.00	2.00	1.00	0.50	0.20
12'	5.63	2.81	1.13	0.56	0.28	0.11

ORDERING INFORMATION

SAMPLE NUMBER: HPEC-100N-120V-PAL

Lamp Type

HP

HP=High Pressure Sodium
MH=Metal Halide

Lens

EC

EC=Clear Prismatic Polycarbonate Lens

Wattage

100

100=100W

Ballast

N

N=Normal Power Factor

Voltage

120V

120V

Family

PAL

PAL=Portable Area Light

Catalog Number	Lamp Wattage	Lamp Type	Ballast Type	Energy Data (Input Watts)	Net Wt. (lbs.)	Shipping Volume (cu. ft.)
HPEC-100N-120V-PAL	100	HPS	NPF	118.0	12.0	0.46
MHEC-100N-120V-PAL	100	MH	NPF	129.0	12.0	0.46

NOTES:

Specifications and Dimensions subject to change without notice.
For additional options consult Cooper Lighting Representative.